Enclosed is a copy of the above amendment with markings to show the changes made.

REMARKS

Preliminarily to the examination of the above-identified patent application, Applicants submit herewith an amendment to the specification. No new matter has been added.

If for any reason this Preliminary Amendment is found to be incomplete, or if at any time it appears that a telephone conference with counsel would help advance prosecution, please telephone the undersigned or his associates, collect in Waltham, Massachusetts, at (781) 890-5678.

Respectfully submitted,

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Reg. No. 45, 283

The Amendment With Markings To Show The Changes Made

For example, in order to set the starting point of cells 0, 1, 8, 9, … of Fig. 8, the following instruction sequence Strt = Alu = (Id>>3) << [9]11 + (ID && 7) << 4, (where shift left is indicated by <<, shift right by >> and bit-wise and by &&) should be executed by the arithmetic logic unit 26 shifter 30 and adder 28 in each cell. To illustrate for Id = 9 Start = [512]2048+16, because, Strt = Alu = Fix(Id/8)*[512]2048+(Id && 7)*16 = [512]2048+16. For the next row beginning with the identification number 16, using the same formula will get Strt = Alu = Fix(Id/8)*[512]2048+(Id && 7)*16 = 2*[512]2048+0*16, and so on.